

Research *in focus:* CytoQuel®

RESEARCH EXECUTIVE SUMMARY

Participants with documented [physical discomfort] for at least six months duration were given CytoQuel® for eight weeks as part of a clinical study that was published in the *Journal of Pain Research*¹. Measurements of vascular and cytokine markers were done along with a research-validated questionnaire at baseline, two weeks, and eight weeks.

RESEARCH HIGHLIGHTS:

- Physical Discomfort**

65% decrease in pain in 8 weeks*
($p < 0.0006$)

- Sleep**

44% improvement in sleep quality in 8 weeks* ($p < 0.02$)

- MMP-9**

9.6% reduction in two weeks* ($p < 0.1$)

- Blood Pressure**

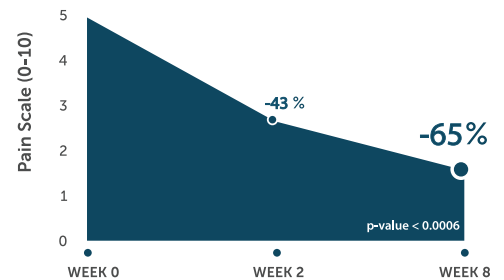
Ankle brachial index values decreased to normal values of 1.0* ($p < 0.01$)

- Vascular and Cytokine Markers**

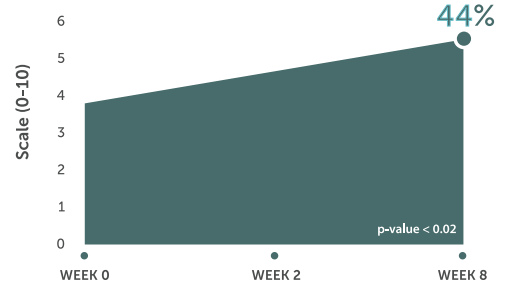
Reductions in vWF (VonWillebrand Factor), fibrinogen, TNF-alpha, IL-1ra*



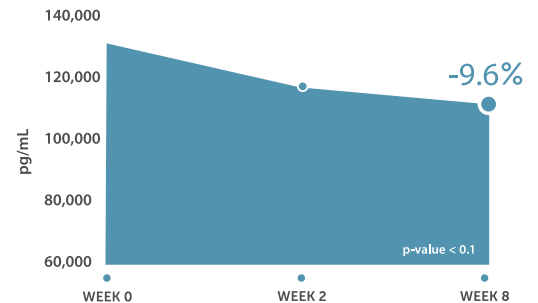
PHYSICAL DISCOMFORT*



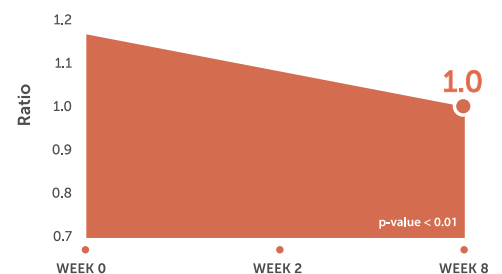
SLEEP IMPROVEMENT*



MMP-9*



ANKLE BRACHIAL INDEX*



1. Journal of Pain Research (D Hamilton, G Jensen). Pain reduction and improved vascular health associated with daily consumption of an anti-inflammatory dietary supplement blend. *J Pain Res.* 2019; 12: 1497-1508.



CytoQuel®

Pro-inflammatory Cytokine Support*

Features & Benefits*

Current research has focused on the impact of cytokine function on the inflammation process. During an infection, the body naturally produces pro-inflammatory cytokines as part of its defense mechanism. The healthy body balances pro-inflammatory cytokines with anti-inflammatory cytokines. However, if these pro-inflammatory cytokines (i.e. IL-1, IL-6, IL-8, IL-17, IL-23), Tumor Necrosis Factor-alpha (TNF-α), Nuclear Factor kappa B (NF-κB) continue in the "on position" and inflammation levels remain high, adverse health may be the result.

Supplement Facts

Serving Size: 3 Capsules
Servings Per Container: 30

Amount Per Serving	%Daily Value**
CQ™ Blend	1850 mg †
Black Tea Extract (50% EGCG)	
N-Acetyl Cysteine	
CurcuWIN™ Turmeric Extract	
DeltaGold® Tocotrienols	
Resveratrol (Natural Trans-Resveratrol)	

** Percent Daily Values are based on a 2,000 calorie diet.
 † Daily Value not established.

Other Ingredients: Vegetable Capsule, L-Leucine, Silicon Dioxide.

Manufactured without milk, eggs, fish, crustacean shellfish, tree nuts, peanuts, wheat, soy, corn and gluten. Produced in a facility that may process other ingredients containing these allergens.

Product No. RN145



CytoQuel® has been developed to promote a healthy cytokine balance. Based on the latest published research, CytoQuel® offers you and your patients an effective tool in the quest for healthy cytokine function.

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Each Capsule Includes:

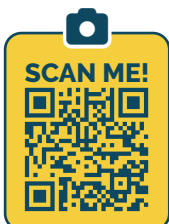
Features	Constituents/ Actions	Benefits*
CQ™ Blend	N-acetyl cysteine (NAC)	• Promotes healthy NF-κB, IL-6, IL-8 levels
	Black Tea Extract	• High level of the polyphenol, EGCG • Promotes healthy levels of IL-23, which controls IL-17 levels • Supports healthy levels of NF-κB, TNF- α, IL-1 beta, IL-6, IL-8 (Herxheimer reactions increase TNF- α, IL-6 & IL-8)
	CurcuWIN™ turmeric extract	• Promotes healthy levels of IL-6, IL-17, IL-21 • Published research demonstrating it as the highest bioavailable form of turmeric • CurcuWIN™ combines curcumin with a hydrophilic (allowing it to disperse in water) carrier, using the UltraSOL™ molecular dispersion technology. UltraSOL™ converts lipophilic (fat-loving or fat-absorbing) nutrients into water-dispersible ingredients.
	DeltaGold® Tocotrienols	• 100% delta and gamma tocotrienols and no tocopherols (which may reduce the absorption of the potent tocotrienol compounds). • Promotes healthy inhibition levels of NF-κB & nitric oxide
	Resveratrol (Natural Trans-Resveratrol)	• Promotes healthy inhibition levels of TNF-α, IL-1 beta, IL-6 & NF-κB

Suggested Use

Take 3 capsules once per day with a meal, or use as directed by your healthcare professional.

Cautions

If pregnant or nursing, consult your healthcare professional.



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 Available only through healthcare professionals

*These statements have not been evaluated by the Food and Drug Administration. These products are not intended to diagnose, treat, cure, or prevent any disease.